

Focus Area 15: Injury and Violence Prevention

Objective 15-16 targets an overall reduction in the death rate for pedestrians on public roads to 1.0 per 100,000 population. (**NOTE:** The NHTSA Fatality Analysis Reporting System (FARS) is cited by *Healthy People 2010* as the state data source for this objective; results obtained through death records in the California Vital Statistics system may differ from those obtained through FARS).

California's age-adjusted death rates for pedestrian deaths increased slightly from 1.8 per 100,000 population in 2000 to 2.0 per 100,000 in 2004 (Figure 15-16, Table 15-16). California's pedestrian death rates are significantly higher than the HP2010 objective of 1.0 per 100,000 population, and moving away from the target.

Age-adjusted pedestrian death rates for males (2.8 per 100,000 in 2004) were significantly higher than those for females (1.2 per 100,000 in 2004). This HP2010 objective is not being achieved for either females or males, and no significant trends in the data were found.

Data by race and ethnicity show that the highest age-adjusted pedestrian death rates were found for Hispanics/Latinos (2.7 per 100,000 in 2004), followed by African Americans/Blacks (2.3 per 100,000 in 2004), Asians (2.2 per 100,000 in 2004), and Whites (1.6 per 100,000 in 2004). The objective is not being achieved for any of these racial and ethnic groups, and the only statistically significant increase found between 2000-2004 was for the Asian population. Death rates for the American Indian/Alaska Native, Pacific Islander, and "Multirace" populations were unreliable due to the small number of events and are not reported here.

For more information on pedestrian accidents and injuries in California, visit the Epidemiology and Prevention for Injury Control (EPIC) Web site at:

<http://www.dhs.ca.gov/epic/>

For more information on the NHTSA Fatality Analysis Reporting System (FARS), please visit: <http://www-fars.nhtsa.dot.gov/>

For more information on Healthy People 2010 objective 15-16, please visit:

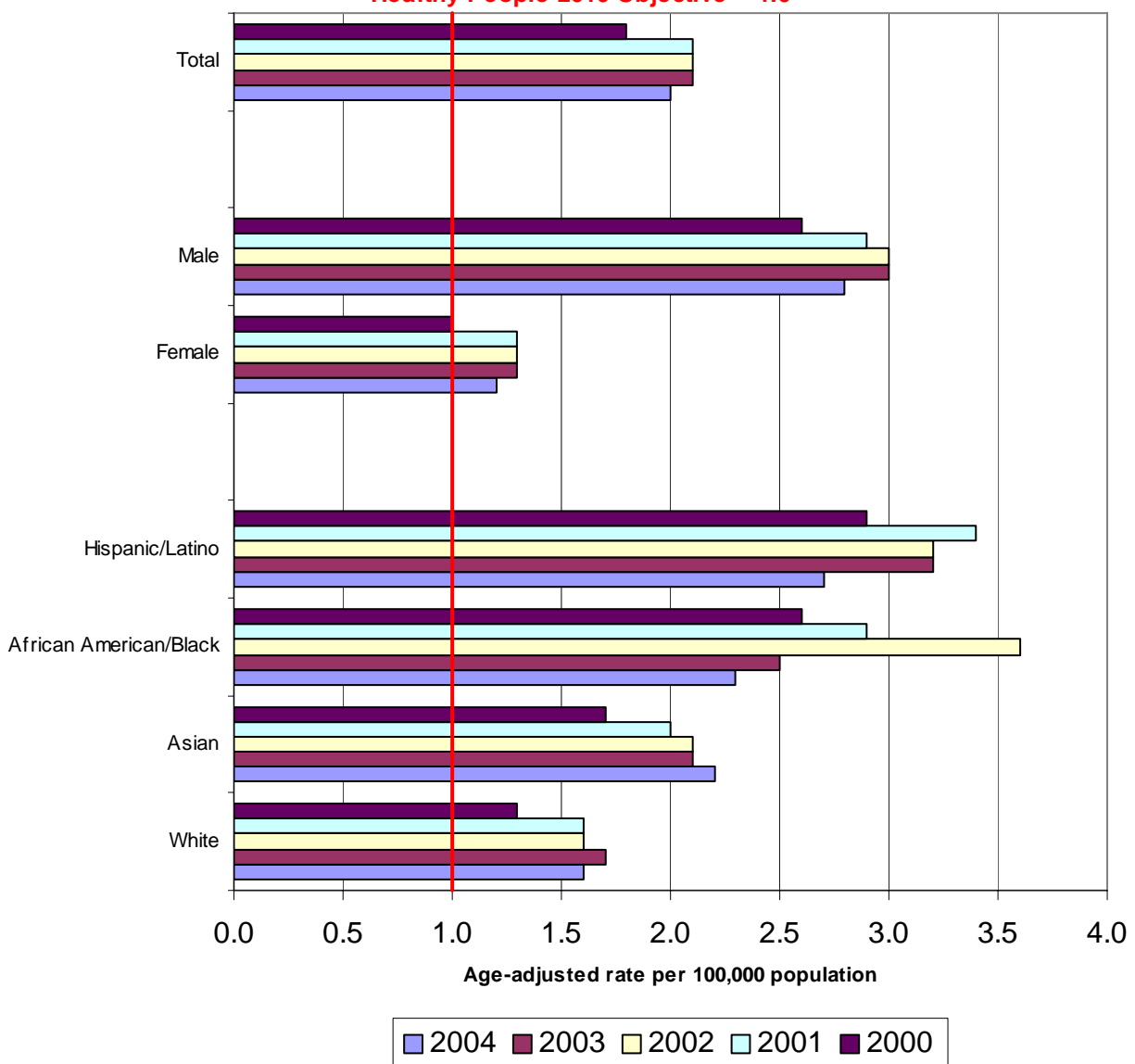
<http://www.healthypeople.gov/Document/HTML/Volume2/15Injury.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od15.htm>

Figure 15-16
Pedestrian Death Rates
California, 2000-2004

Healthy People 2010 Objective = 1.0



**Table 15-16: Pedestrian Deaths and Death Rates
California, 2000-2004**

Objective 15-16	2000 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2001 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		1.0				1.0		
Statewide Total	579	1.8	1.6	1.9	694	2.1	1.9	2.2
Race-Ethnicity								
African American/Black	56	2.6	1.9	3.3	64	2.9	2.2	3.6
American Indian/Alaska Native	2	DSU	-----	-----	7	DSU	-----	-----
Asian	51	1.7	1.2	2.2	66	2.0	1.5	2.5
Hispanic/Latino	231	2.9	2.4	3.3	279	3.4	2.9	3.8
Pacific Islander	5	DSU	-----	-----	2	DSU	-----	-----
White	231	1.3	1.1	1.5	275	1.6	1.4	1.8
Multirace	3	DSU	-----	-----	1	DSU	-----	-----
Gender								
Female	172	1.0	0.9	1.2	227	1.3	1.1	1.5
Male	407	2.6	2.3	2.9	467	2.9	2.6	3.2

Objective 15-16	2002 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	2003 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.
Healthy People 2010 Target		1.0				1.0		
Statewide Total	707	2.1	1.9	2.2	745	2.1	2.0	2.3
Race-Ethnicity								
African American/Black	79	3.6	2.8	4.4	56	2.5	1.8	3.1
American Indian/Alaska Native	7	DSU	-----	-----	5	DSU	-----	-----
Asian	72	2.1	1.6	2.5	76	2.1	1.6	2.6
Hispanic/Latino	264	3.2	2.8	3.7	304	3.2	2.8	3.7
Pacific Islander	1	DSU	-----	-----	2	DSU	-----	-----
White	282	1.6	1.4	1.8	298	1.7	1.5	1.9
Multirace	2	DSU	-----	-----	4	DSU	-----	-----
Gender								
Female	223	1.3	1.1	1.4	239	1.3	1.2	1.5
Male	484	3.0	2.7	3.2	506	3.0	2.7	3.3

Objective 15-16	2004 N	Rate ¹	Lower 95% C.I.	Upper 95% C.I.	5-year Trend	HP2010 Objective Being Achieved?
Healthy People 2010 Target		1.0				
Statewide Total	703	2.0	1.8	2.1	ns	No
Race-Ethnicity						
African American/Black	53	2.3	1.6	2.9	ns	No
American Indian/Alaska Native	3	DSU	-----	-----	n/a	Unk
Asian	86	2.2	1.8	2.7	Sig. +	No
Hispanic/Latino	264	2.7	2.3	3.0	ns	No
Pacific Islander	3	DSU	-----	-----	n/a	Unk
White	284	1.6	1.4	1.8	ns	No
Multirace	8	DSU	-----	-----	n/a	Unk
Gender						
Female	219	1.2	1.0	1.4	ns	No
Male	484	2.8	2.6	3.1	ns	No

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Pedestrian deaths defined by ICD-10 codes V02-V04 (0.1-0.9), V09.2.

¹ Rate per 100,000 population, age-adjusted using the 2000 US population standard.

Sig. + Statistically significant increase in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points)

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).